Family First™

PHOTOELECTRIC SMOKE ALARM MODEL: FFP9VH10Y2

Smoke Alarm User's Manual

Please read and save this manual

Photoelectric smoke alarms are generally more effective at detecting slow burning fires which smoulder for hours before bursting into flame.
eg. cigarettes burning in couches or bedding.

MAIN FEATURES

- DC operated photoelectric type smoke alarm
- Photoelectric sensor for slow smouldering fires
- 9V Lithium 10 year sealed battery
- Self-Test button
- Hush feature
- Insect proof enclosure
- Environmentally friendly non-radioactive technology
- High and stable sensitivity
- Quick fix mounting bracket for easy installation
- Fitting and battery tamper-resist feature
- LED operation indicator
- Extra loud alarm sound over 85 dB
- Low-battery and battery missing warning indicator
- Auto-reset when smoke clears

SPECIFICATIONS

Model Number:	FFP9VH10Y2
Detection Type:	Photoelectric Chamber
Power Source:	9V DC Lithium Battery
Standby Current:	15uA max
Alarm Current:	30mA max
Alarm Sound Level	85 Decibels at 3 meters
Operation Temperature:	5°C to 45°C
Ambient Humidity:	10%-90%
Sensitivity to Smoke:	3.0-6.0 %Obs /m
Compact size:	110mm diameter

IMPORTANT SAFETY INFORMATION

1. This smoke alarm requires constant working 9-volt battery to operate properly. This smoke alarm WILL NOT work if DC power is not connected or has failed or been interrupted for any reason, the battery is removed, drained or improperly connected. DO NOT use any other kind of battery except as specified.

2. DO NOT connect this smoke alarm to any other type of smoke alarm or auxiliary device, except those listed in this manual. The Test button accurately tests all smoke alarm functions. Do not use any other test method. Test the smoke alarm weekly to ensure proper operation.

3. DO NOT remove or disconnect battery to silence unwanted alarms. This will remove your protection. Open windows or ventilate the smoke alarm to silence it.

4. This smoke alarm may be installed by a licensed, qualified electrician. Observe and follow all local and national electrical and building codes for installation.

5. This smoke alarm is designed to be used inside a single unit dwelling only. In buildings with several dwellings, each individual living unit should have its own smoke alarms.
Do not install in non-residential buildings.
This smoke alarm is not a substitute for a complete alarm system.

6. Install a smoke alarm in every room and on every level of the home. Smoke may not reach the smoke alarm for many reasons. For example, if a fire starts in a remote part of the home, on another level, in a chimney, wall, roof, or on the other side of a closed door, smoke may not reach the smoke alarm in time to alert household members. A smoke alarm will not promptly detect a fire except in the area or room in which it is installed.

7. Smoke alarms may not alert every household member every time. The alarm sound is loud in order to alert individuals to a potential danger. However, there may be limiting circumstances where a household member may not hear the alarm (i.e. outdoor or indoor noise, sound sleepers, drug or alcohol usage, hard of hearing, etc.). If you suspect that this smoke alarm may not alert household members, install and maintain specialty smoke alarms.
Household members must hear the alarm's warning sound and respond, to quickly reduce the risk of damage, injury or death that may result from fire.
If a household member is hearing impaired, install special smoke alarms with lights or vibrating devices to alert occupants.

8. Smoke alarms can only sound their alarms when they detect smoke. Smoke alarms detect combustion particles in the air. They do not sense heat, flame or gas. This smoke alarm is designed to give audible warning of a developing fire. However, many fires are fast-burning, explosive, or intentional. Others are caused by carelessness or safety hazards.
Smoke may not reach the smoke alarm QUICKLY ENOUGH to ensure safe escape.

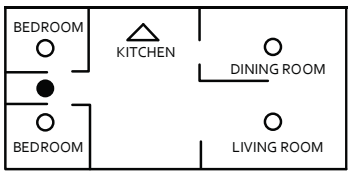
9. Smoke alarms have limitations. This smoke alarm is not foolproof and is not warranted to protect lives or property from fire. Smoke alarms are not a substitute for insurance. Homeowners and renters should insure their lives and property. In addition, it is possible for the smoke alarm to fail at any time. For this reason, you must test the smoke alarm weekly and replace it every 10 years.

Note: For best protection, we recommend that you install a smoke alarm in every room.

SMOKE ALARM PLACEMENT

Typical single-story home

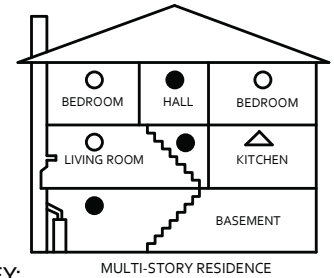
Install a smoke alarm on the ceiling or wall inside each bedroom and in the hallway outside each separate sleeping area. If a bedroom area hallway is more than 9 metres (30 ft) long, install a smoke alarm at each end.
If there is a basement: Install a smoke alarm on the basement ceiling at the bottom of the stairwell.



SINGLE-STORY RESIDENCE, APARTMENT, MOBILE HOME

Typical Multi-story or split level home

Install a smoke alarm on the ceiling or wall inside each bedroom and in the hallway outside each separate sleeping area. If a bedroom area hallway is more than 9 metres (30 ft) long, install a smoke alarm at each end. Please install a smoke alarm on the top of a first-to-second floor stairwell.



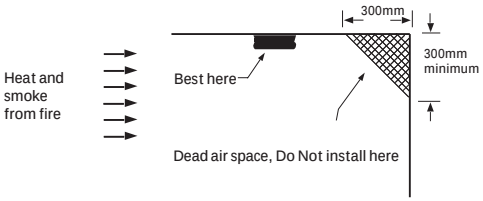
MULTI-STORY RESIDENCE

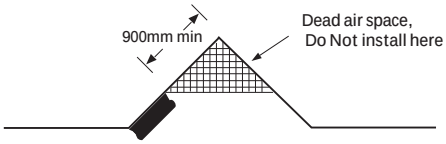
KEY:

- ● Minimum required smoke alarm locations
- ○ Recommended additional smoke alarm locations
- △ Smoke alarms with hush features recommended for additional protection

IMPORTANT SMOKE ALARM PLACEMENT AND EXCEPTION INFORMATION

1. Place as close to the centre of the ceiling as possible or at least no closer than 300mm to any wall or corner.
2. Install a minimum of two smoke alarms in every home, no matter how small the home.
3. Install a smoke alarm in each room that is divided by a partial wall.
4. Install a smoke alarm in lived-in attics or attics which house electrical equipment like furnaces, air conditioners, or heaters.



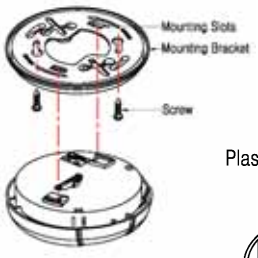


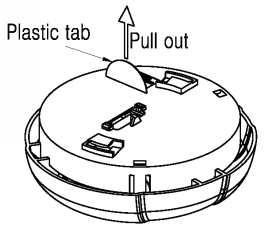
DO NOT INSTALL SMOKE ALARMS NEAR:

1. Areas near appliances or where normal combustion regularly occurs (near furnaces, hot water heaters). Use a specialised smoke alarm with unwanted alarm control for these areas.
2. Areas with high humidity, like bathrooms, near dishwashers or washing machines. Install at least 3 metres (10 Feet) away from these areas.
3. Air returns or heating and cooling supply vents. Install at least 900mm (3 Feet) away from these areas. The air could blow smoke away from the detector, interrupting its alarm.
4. Rooms where temperatures may fall below 5°C or rise above 45°C
5. Extremely dusty, dirty, or insect-infested areas where loose particles interfere with smoke alarm operation.

WARNING: Incorrect orientation will result in a decrease in operational effectiveness.

HOW TO INSTALL THIS SMOKE ALARM





WARNING: Smoke alarm installation must be in accordance with the requirements of the national electrical code and any local codes that may apply.

1. Remove the mounting plate by turning counterclockwise at the back of the smoke alarm.

(To later engage tamper-resist feature, twist out and set aside one of the pins moulded into plate. Both pins are exactly the same.)

2. Install the mounting plate to ceiling or wall with mounting screws.
3. Pull the plastic tab at the back of the smoke alarm to activate the battery.
4. Position the smoke alarm into the mounting plate and turn clockwise to lock into place.
   To engage tamper-resist feature - insert the pin into notch on edge of the smoke alarm after the alarm is properly positioned in the base.
5. Push test button to test smoke alarm.
   See section TESTING THE SMOKE ALARM.

OPERATING YOUR SMOKE ALARM

Once the smoke alarm has been installed A RED indicator light (LED) should flash approximately once a minute to indicate the battery is healthy and the unit is operating properly. If smoke is detected, the unit will emit a loud pulsating alarm and a RED indicator light (LED) will be flashing quickly until the air is clear.

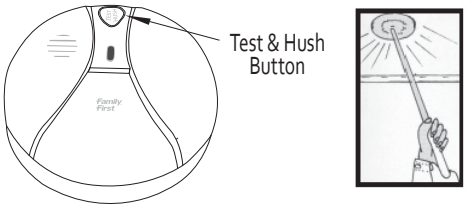
The "HUSH" feature can mute the detector if it has been inadvertently triggered by holding down the "TEST/HUSH" button for a few seconds.

The smoke alarm will be muted 10 minutes and then reset into normal mode after this period.

NOTE- If the smoke density increases during this time the smoke alarm will be triggered into alarm again.

TESTING THE SMOKE ALARM

1. Test each smoke alarm to be sure it is installed correctly and operating properly.
2. The push-to-test button accurately tests functions. Do not use an open flame to test this smoke alarm. You may ignite and damage the smoke alarm or your home.
3. Test smoke alarms weekly and upon returning from vacation or when no one has been in the household for several days.
4. Stand at arm's length from the smoke alarm when testing.



TEST ALL SMOKE ALARMS WEEKLY WITH THE FOLLOWING STEPS:

1. Firmly push the TEST/HUSH button, and the smoke alarm will sound a loud beep. The alarm will stop sounding after releasing the TEST/HUSH button.
2. If smoke alarm does not sound, please retest the smoke alarm.

DANGER: If the alarm sounds, and smoke alarm is not being tested, the smoke alarm is sensing smoke.

THE SOUND OF THE ALARM HORN REQUIRES YOUR IMMEDIATE ATTENTION AND ACTION.

NUISANCE ALARMS

If there is a nuisance alarm simply press the test/hush button on the alarm to silence the unit for 10 minutes. If, when the alarm goes off, there is no sign of smoke, heat or noise to indicate that there is a fire, you should get your family into a safe place, before you start investigating. Check the house carefully in case there is a small fire smouldering somewhere. Check whether there is some source of smoke or fumes, for example cooking fumes being drawn past the smoke alarm by an extractor.

If there are frequent nuisance/false alarms it may be necessary to re-locate the device away from the source of the fumes. If for some reason the alarm continues to sound without smoke or heat being present (due to insect infestation or contamination build-up for example) the unit can be silenced by disconnecting power and removing the unit for cleaning. See "CLEANING".

HUSH FEATURE

This smoke alarm has a combined Test/Hush button to help you control nuisance false alarms.

1. To cancel a false alarm, press the Test/Hush button located on the cover. The alarm will automatically switch to a reduced sensitivity condition (very large levels of smoke from a nearby fire will override the Hush on the smoke alarms). This condition allows unwanted alarms to be silenced for a period of approximately 10 minutes.

   The unit will flash the red light every 10 seconds (instead of the normal 40 seconds) to indicate the sensitivity is reduced.

   On interconnected alarms, pressing the Test/Hush button on the one sensing smoke (i.e. the one with the red light flashing every second) will silence all alarms. Pressing the Hush Button on any other alarm will not cancel the alarm.

2. The unit will reset to normal sensitivity at the end of the silenced period. If additional silenced time is required, simply push the Test/Hush button again.

MAINTENANCE AND CLEANING

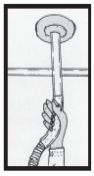
In addition to weekly testing, this smoke alarm requires periodic cleaning to remove dust, dirt, and debris.

BATTERY REPLACEMENT

Battery replacement is not required and the battery cannot be removed.

CLEANING

Clean the smoke alarm at least once a month to remove dust, dirt, or debris. Using the soft brush or wand attachment from a vacuum cleaner, vacuum all sides and cover of smoke alarm. Be sure all the vents are free of debris. If necessary, use a damp cloth to clean smoke alarm cover.



IMPORTANT:
Do not attempt to remove the cover to clean inside the smoke alarm. This will void your warranty.

WARNING: DO NOT disconnect battery to silence an unwanted alarm. This will remove your protection. Ventilate the unit or open a window to remove smoke or dust.

PRACTICE FIRE SAFETY

If the smoke alarm sounds its alarm horn, and you have not pushed the test button, it is warning of a dangerous situation.

Your immediate response is necessary. To prepare for such occurrences, develop family escape plans, discuss them with all household members, and practice them regularly.

1. Expose everyone to the sound of a smoke alarm and explain what the sound means.
2. Determine two exits from each room and an escape route to the outside from each exit.
3. Teach all household members to touch the door and use an alternate exit if the door is hot. Instruct them not to open the door if the door is hot.
4. Teach household members to crawl along the floor to stay below dangerous smoke, fumes and gases.
5. Determine a safe meeting place for all members outside the building.

WHAT TO DO IN CASE OF FIRE

1. Do not panic, stay calm.
2. Leave the building as quickly as possible. Touch doors to feel if they are hot before opening them. Use an alternate exit if necessary. Crawl along the floor, and do not stop to collect anything.
3. Meet at a pre-arranged meeting place outside the building.
4. Call the fire department from outside the building.
5. Do not go back inside a burning building. Wait for the fire department to arrive.

These guidelines will assist you in the event of a fire. However, to reduce the chance that fires will start, practice fire safety rules and prevent hazardous situations.

TEN YEAR LIMITED WARRANTY

Master Distributors Pty Ltd warrants to the original consumer purchaser that each new smoke alarm is free from defects in material and workmanship under normal use and services for a period of ten (10) years from the date of purchase. Master Distributors Pty Ltd agrees to repair or replace, at its option, any defective Smoke Alarm provided it is returned personally or by prepaid delivery with a copy of proof of purchase. Do not post.

This warranty does not cover damage resulting from accidents, misuse or abuse or lack of reasonable care of the product. The purchaser's attention is drawn to rights it may have under the Trade Practices Act 1974 and similar state and territory legislation which cannot be excluded. Subject to those non-excluded rights and provisions and the above warranty, Master Distributors Pty Ltd, will not be liable for any injury to persons or damage to property or for any special direct or indirect or consequential loss or damage whatsoever and whether as a result of negligence or fault on the part of Master Distributors Pty Ltd. or its servants, agents, suppliers and contractors or otherwise arising out of or resulting from, whether directly or indirectly, the use, installation or maintenance of the smoke alarm and any warranties or representations are excluded unless given by Master Distributors Pty Ltd in writing.

If this Smoke Alarm is installed for use by others, please leave this document or a copy for the end user.

TROUBLESHOOTING

PROBLEM	SOLUTION
Smoke alarm does not sound when tested. NOTE: Push test button for at least five seconds while testing!	1. Check if the plastic tab is removed 2. Clean the smoke alarm. See "CLEANING"
Smoke alarm beeps about once a minute.	Low battery sign. The smoke alarm should be replaced.
Smoke alarm sounds unwanted alarms intermittently or when residents are cooking, taking showers, etc.	1. Clean smoke alarm. See "CLEANING" in the maintenance and cleaning section 2. Move the smoke alarm to a new location. See SMOKE ALARM PLACEMENT
The alarm sounds different than I'm used to. It starts and stops.	The alarm is operating correctly. This alarm features the internationally recognised horn signal for evacuation. The alarm sound pattern is 3 short beeps followed by a 2 second pause and then repeats.

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